

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/003055

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ G01N27/64, H01J49/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ G01N27/64, H01J49/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/054915 A1 (LAURELL, Thomas), 03 July, 2003 (03.07.03), Full text; all drawings	1-4, 7-13, 17-18
Y	Full text; all drawings & JP 2005-513490 A	5-6, 14-16
Y	US 6288390 B1 (Scripps Research Institute), 11 September, 2001 (11.09.01), Column 12, lines 15 to 16 (Family: none)	5-6, 14-16
Y	JP 2001-318217 A (Japan Science and Technology Corp.), 16 November, 2001 (16.11.01), Full text; all drawings (Family: none)	14-16

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
12 May, 2005 (12.05.05)

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Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	JP 2004-184137 A (NEC Corp.), 02 July, 2004 (02.07.04), Par. Nos. [0026] to [0035], [0049]; Figs. 2 to 6 (Family: none)	1-4, 8, 10-13, 17-18